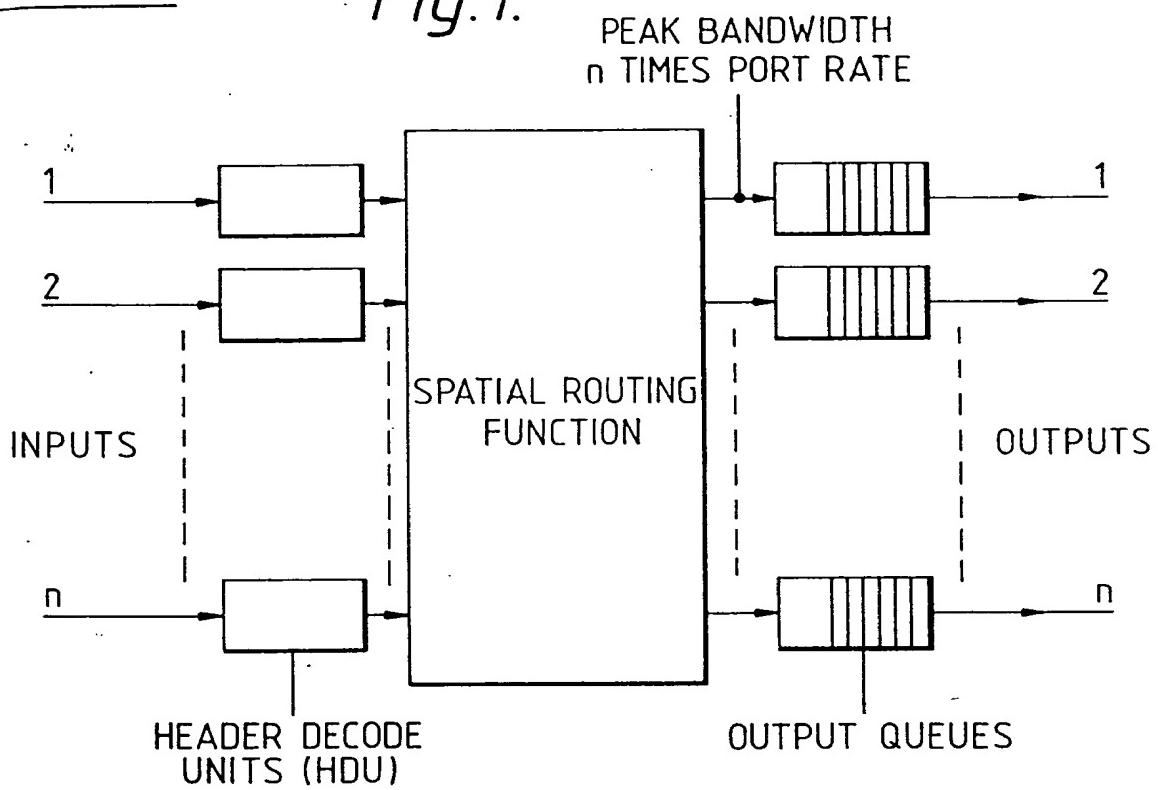


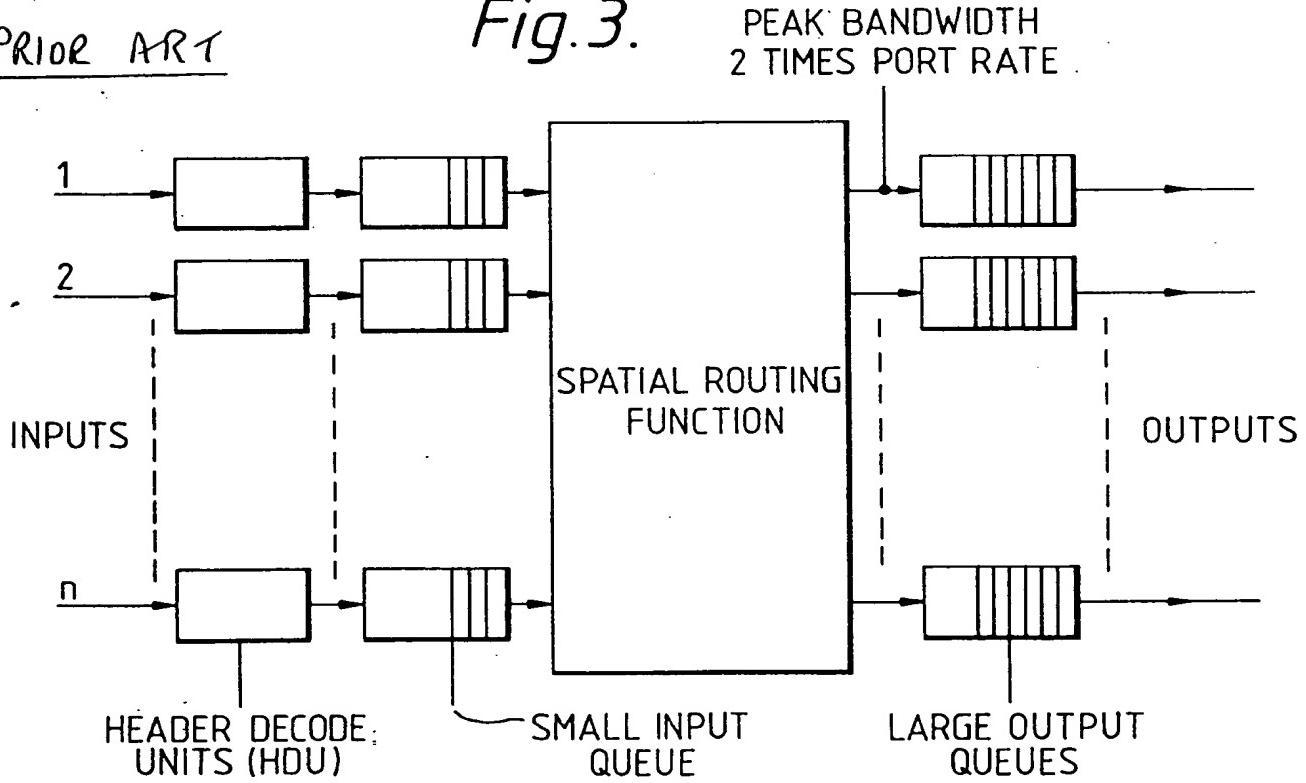
## PRIOR ART

*Fig. 1.*



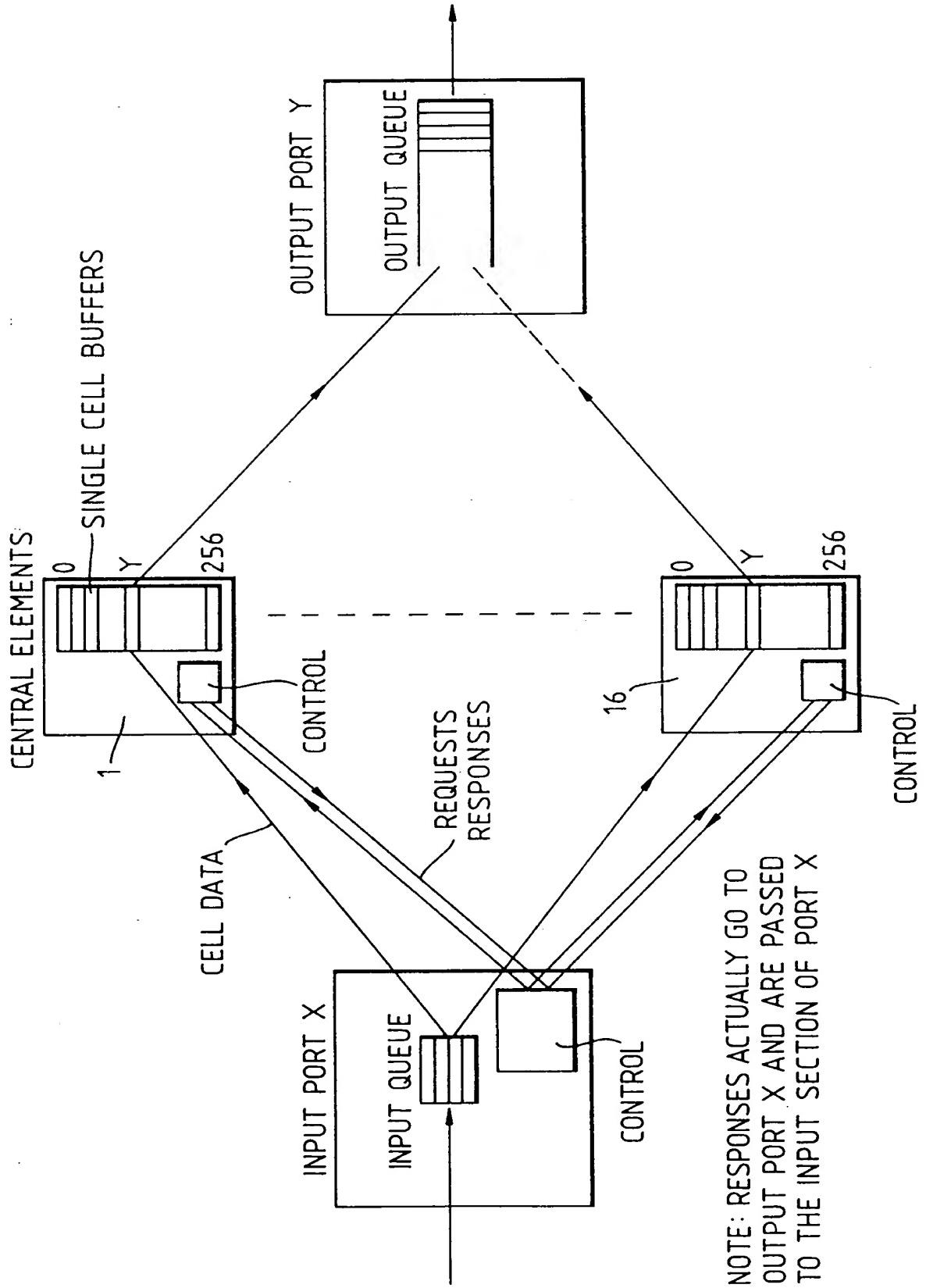
## PRIOR ART

*Fig. 3.*



Prior Art

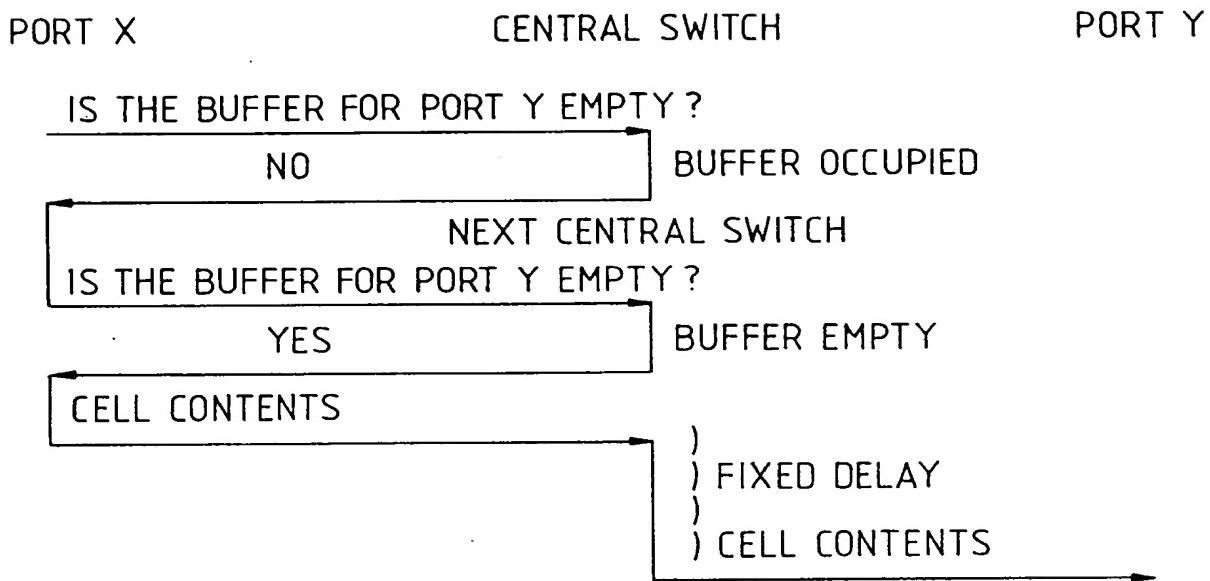
Fig. 2.



400,148

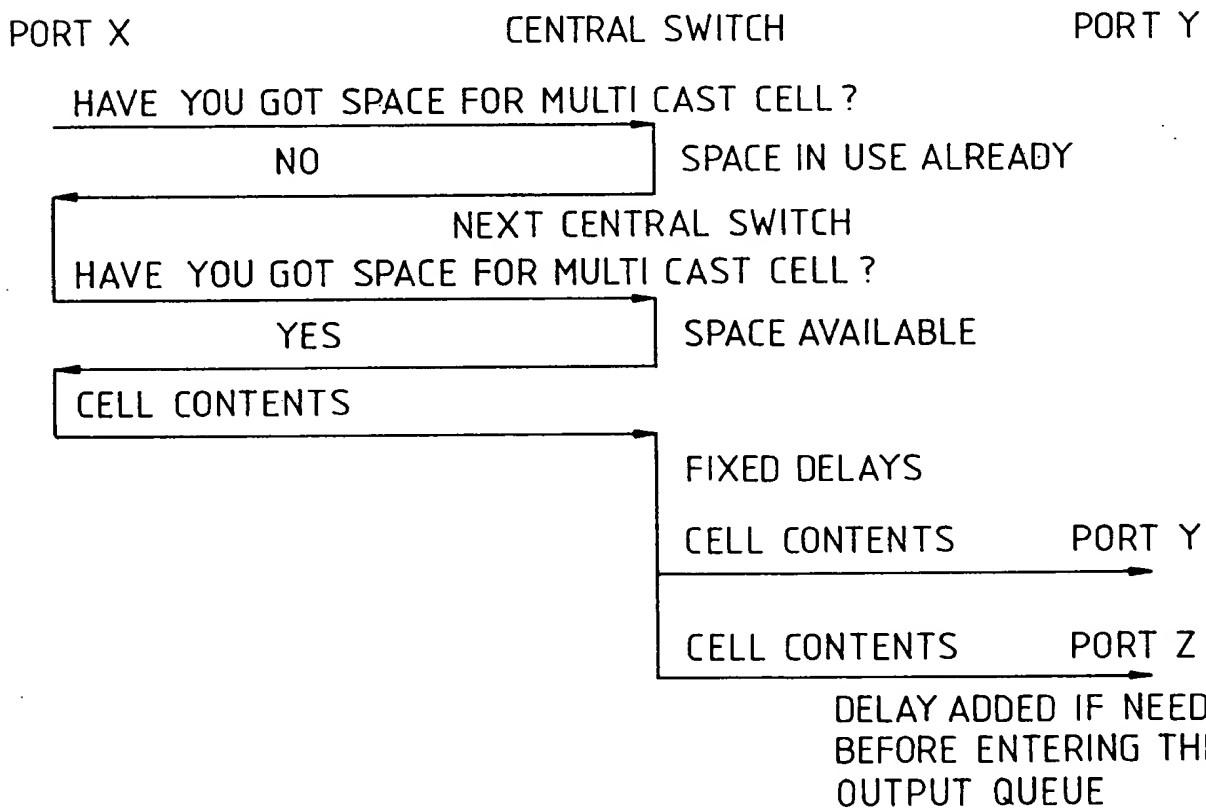
PRIOR ART

*Fig. 4.*



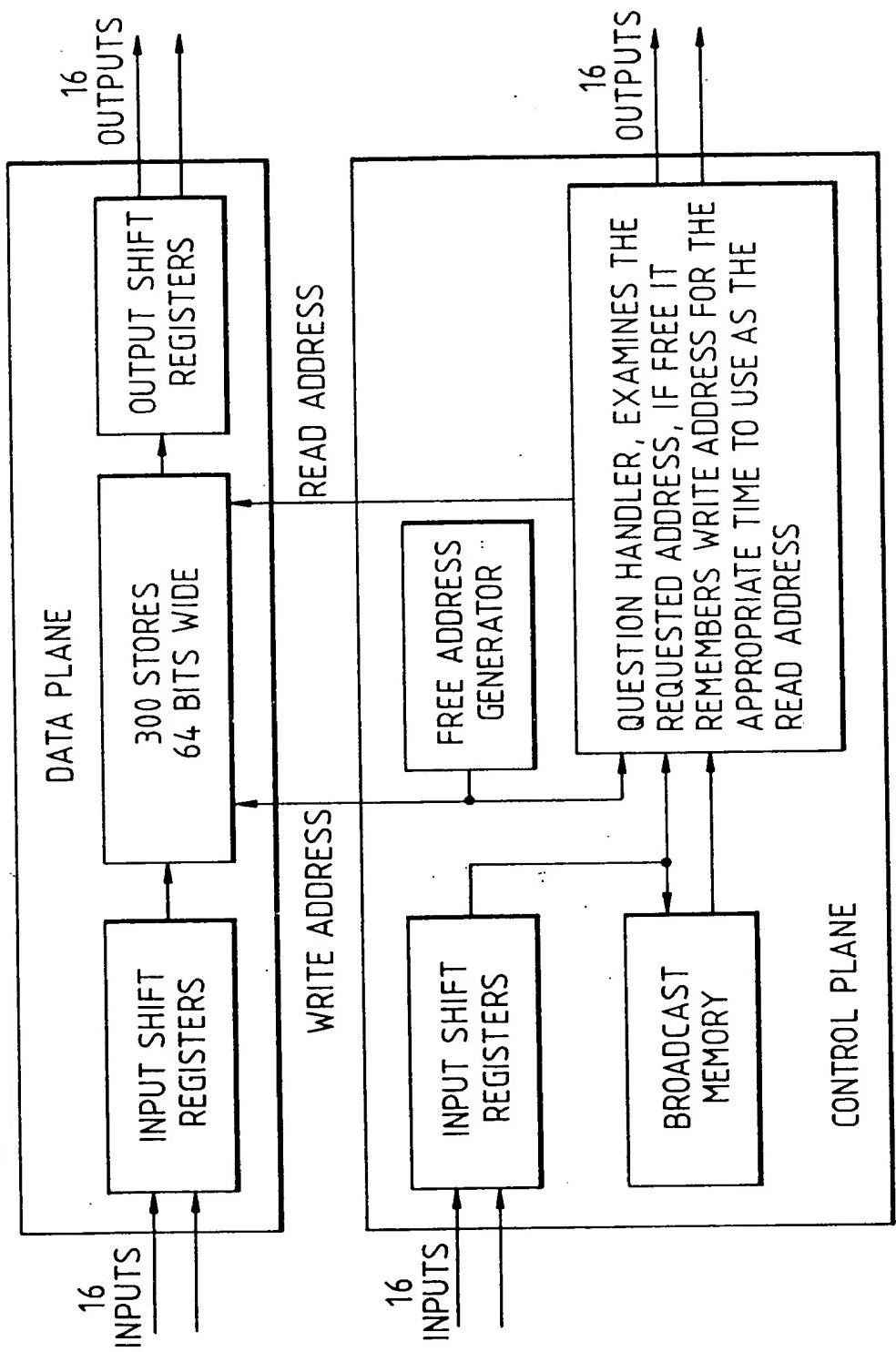
PRIOR ART

*Fig. 5.*



PRIOR ART

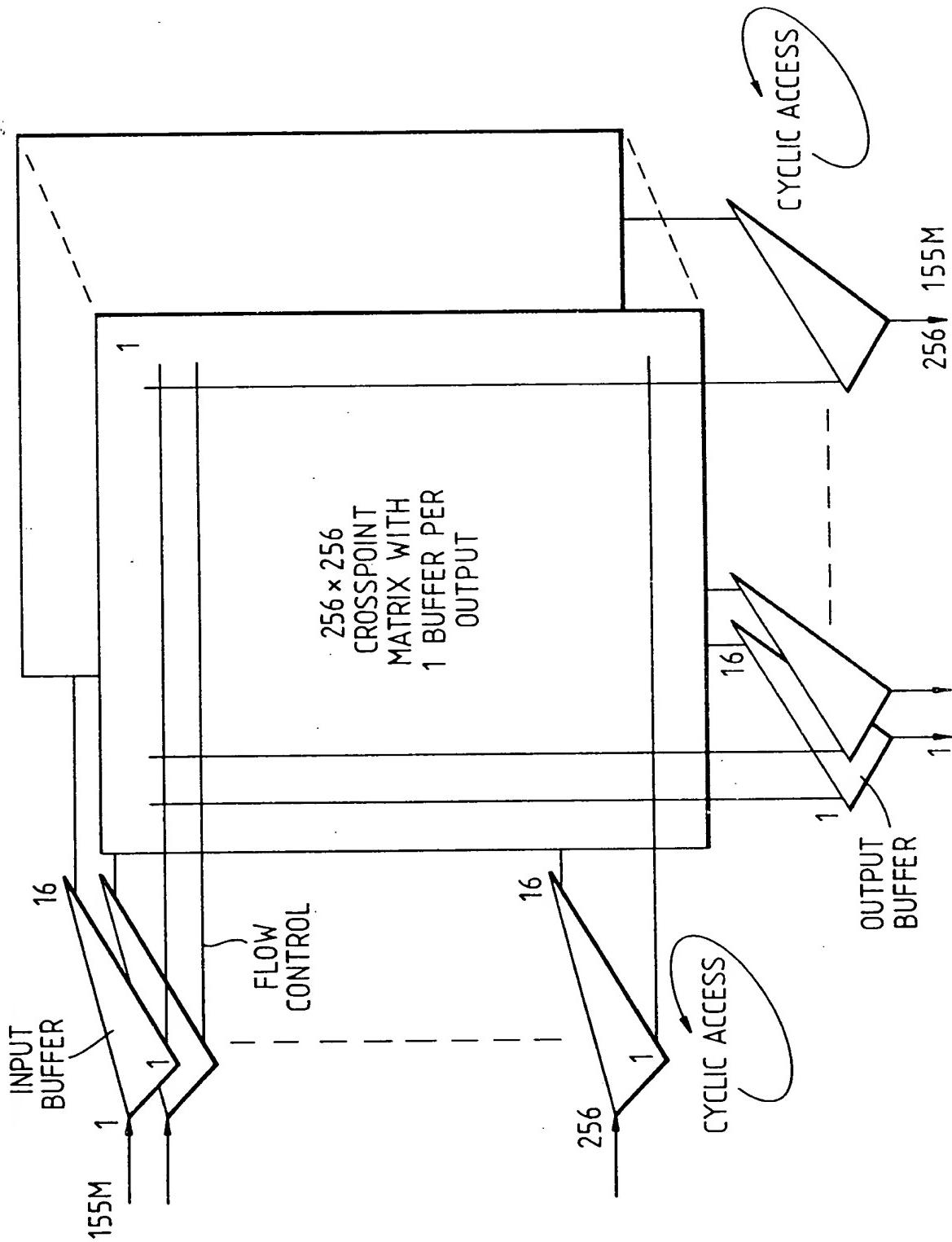
*Fig. 6.*



400/40

PRIOR ART

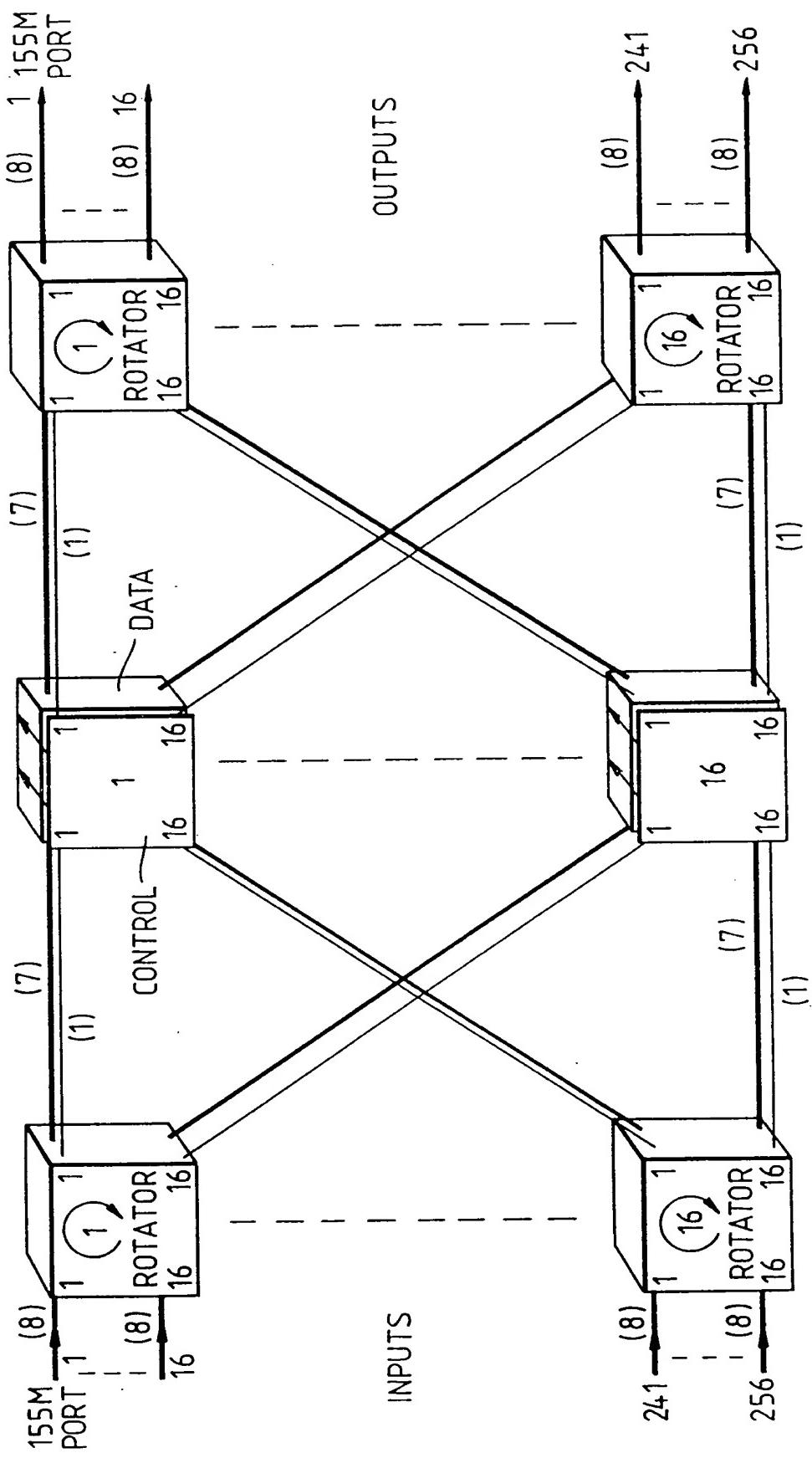
Fig. 7.



PRIOR ART

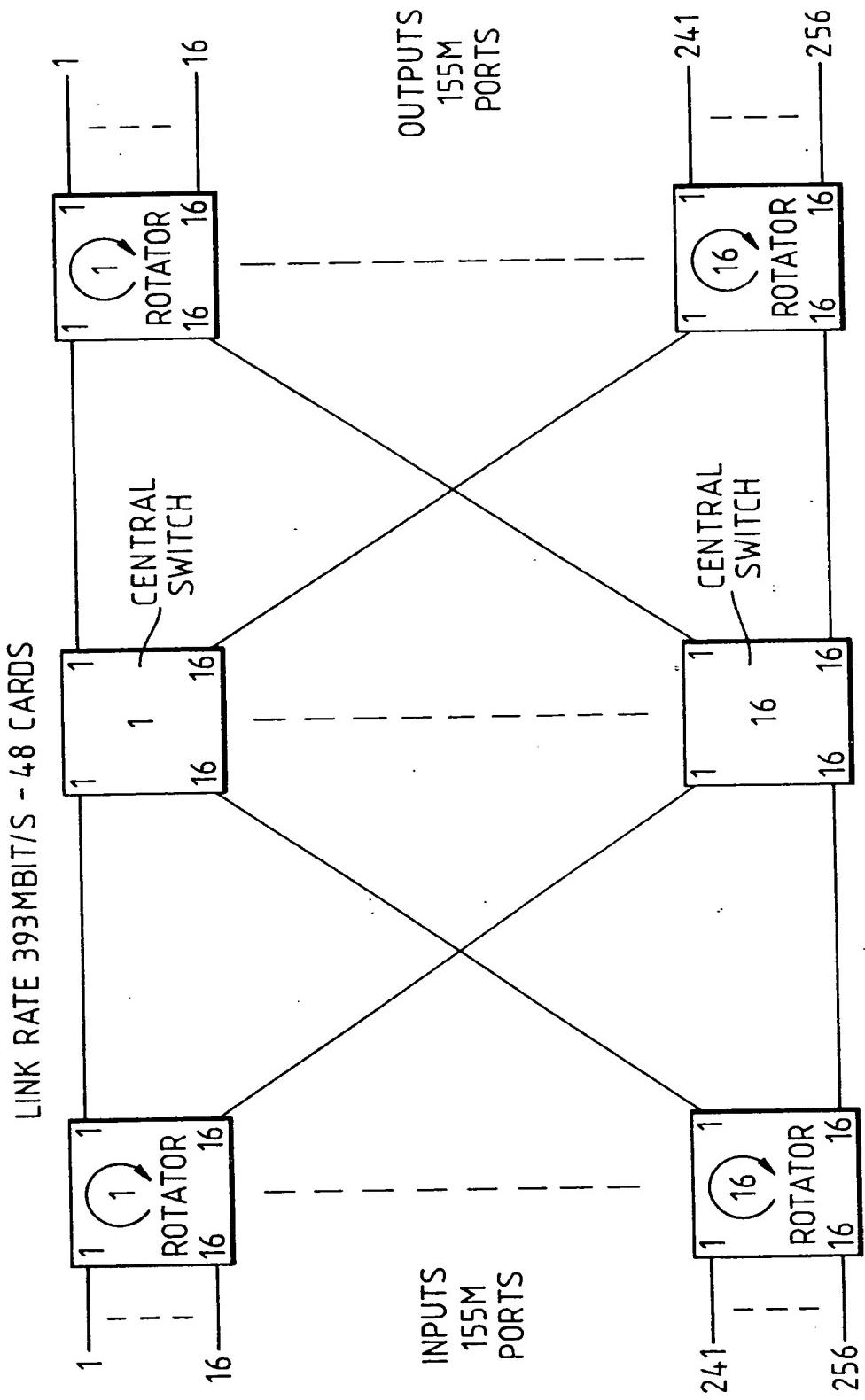
Fig. 8.

NOTE : ANY NUMBER OF INPUT / OUTPUT "PORTS" CAN BE CONCATENATED WITH GUARANTEED CELL SEQUENCE INTEGRITY TO ALLOW EVOLUTION TO 600M, 2.4G, 9.6G ETC.



## Prior Art

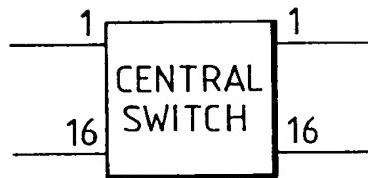
Fig. 9.



**NOTE: OPTICAL ROTATORS HALVE THE NUMBER OF ROTATOR CARDS BY COMBINING Rx AND Tx FUNCTIONS.**

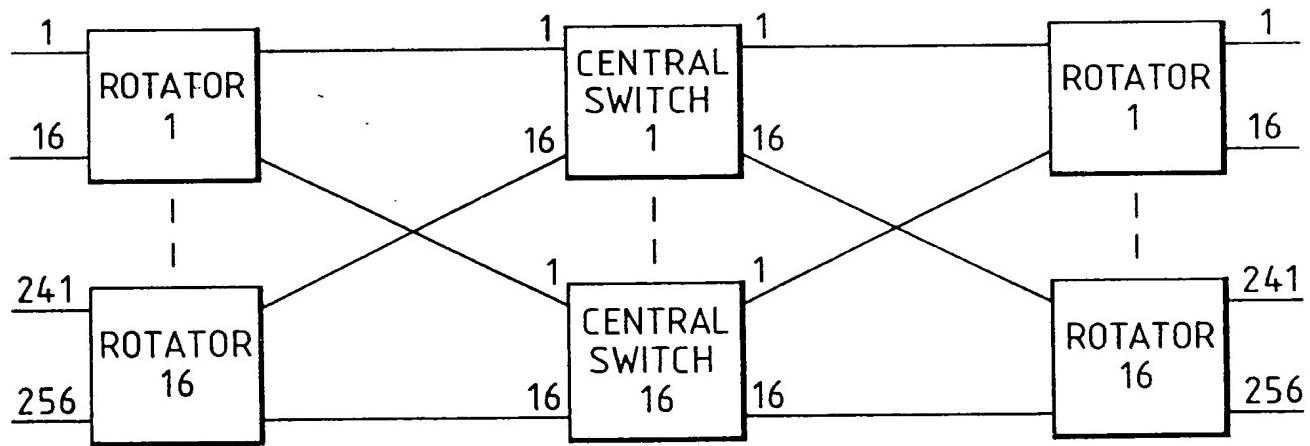
PRIOR ART

Fig. 10a.



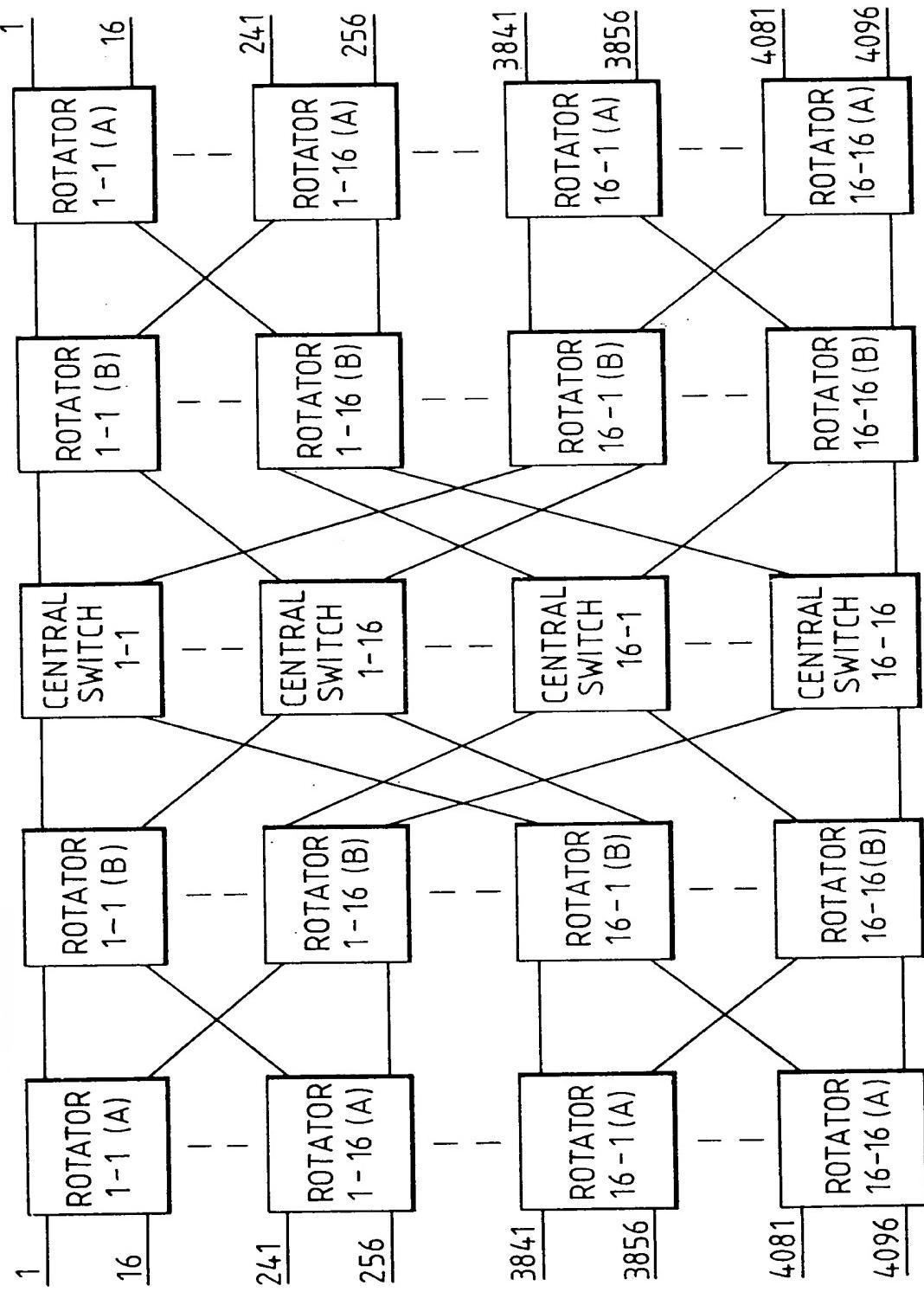
PRIOR ART

Fig. 10b.



PRIOR ART

Fig. 10C.



PRIOR ART

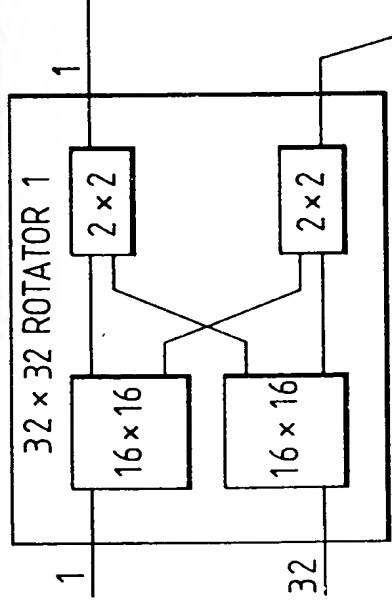
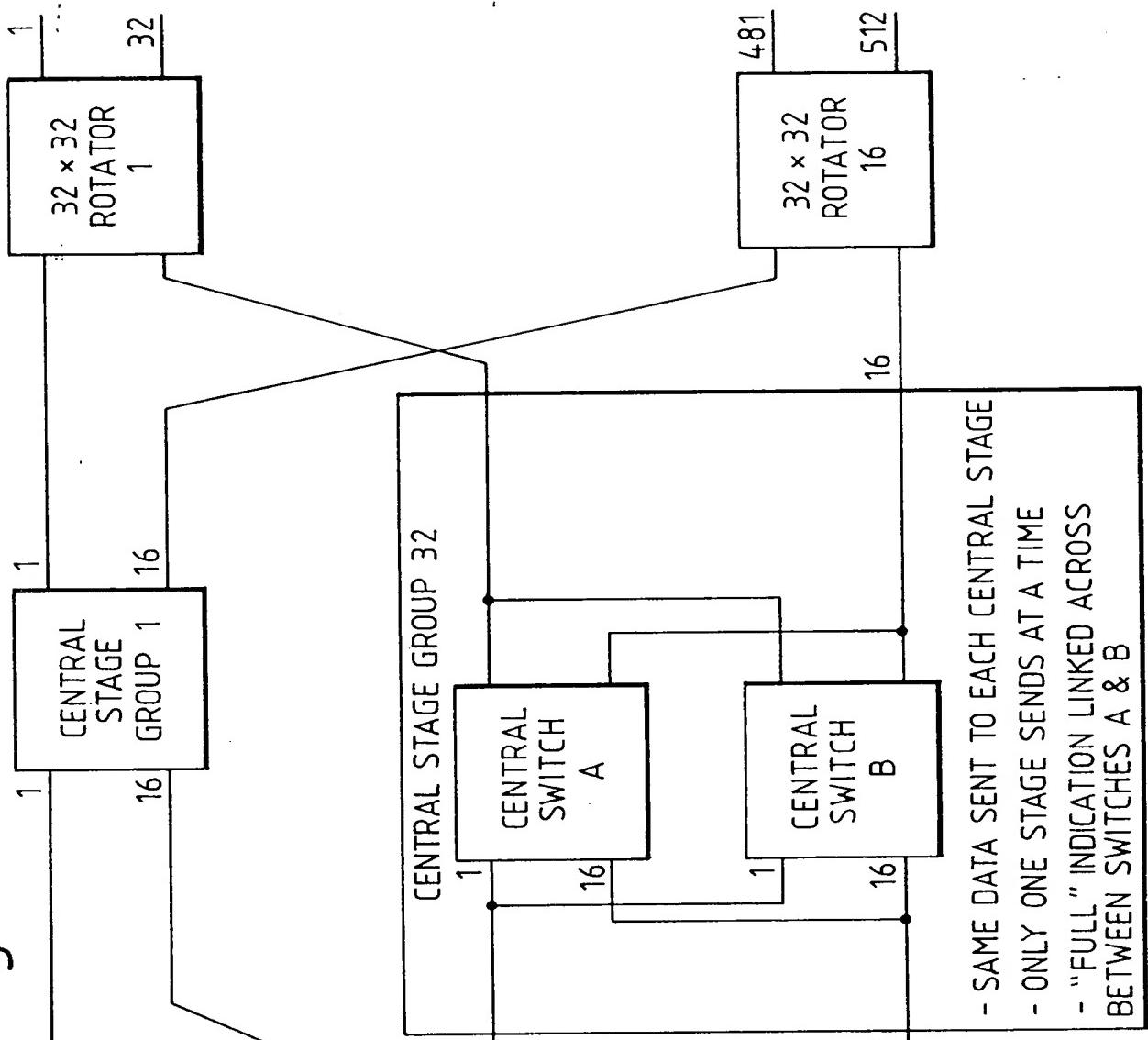
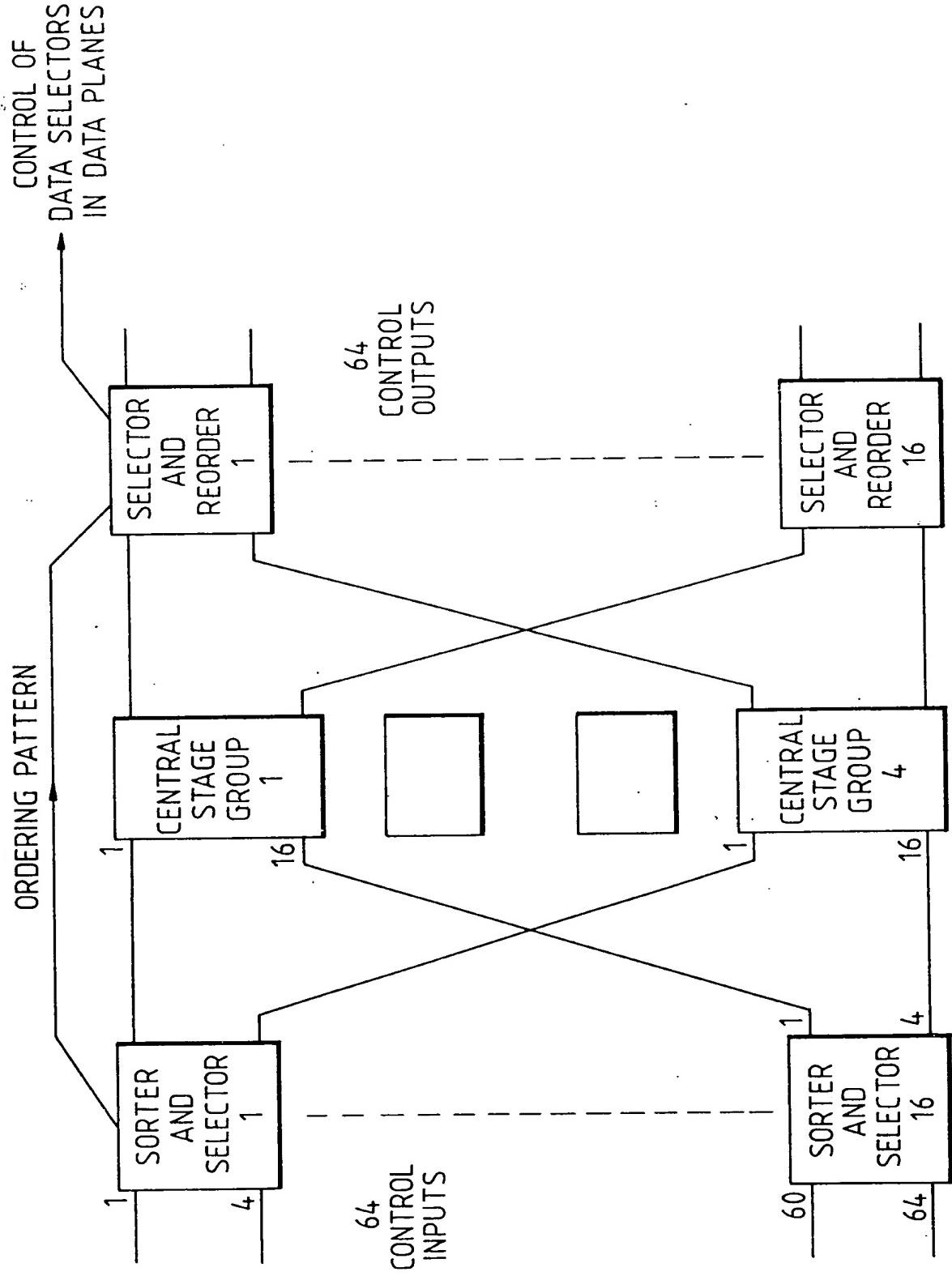


Fig. 11.

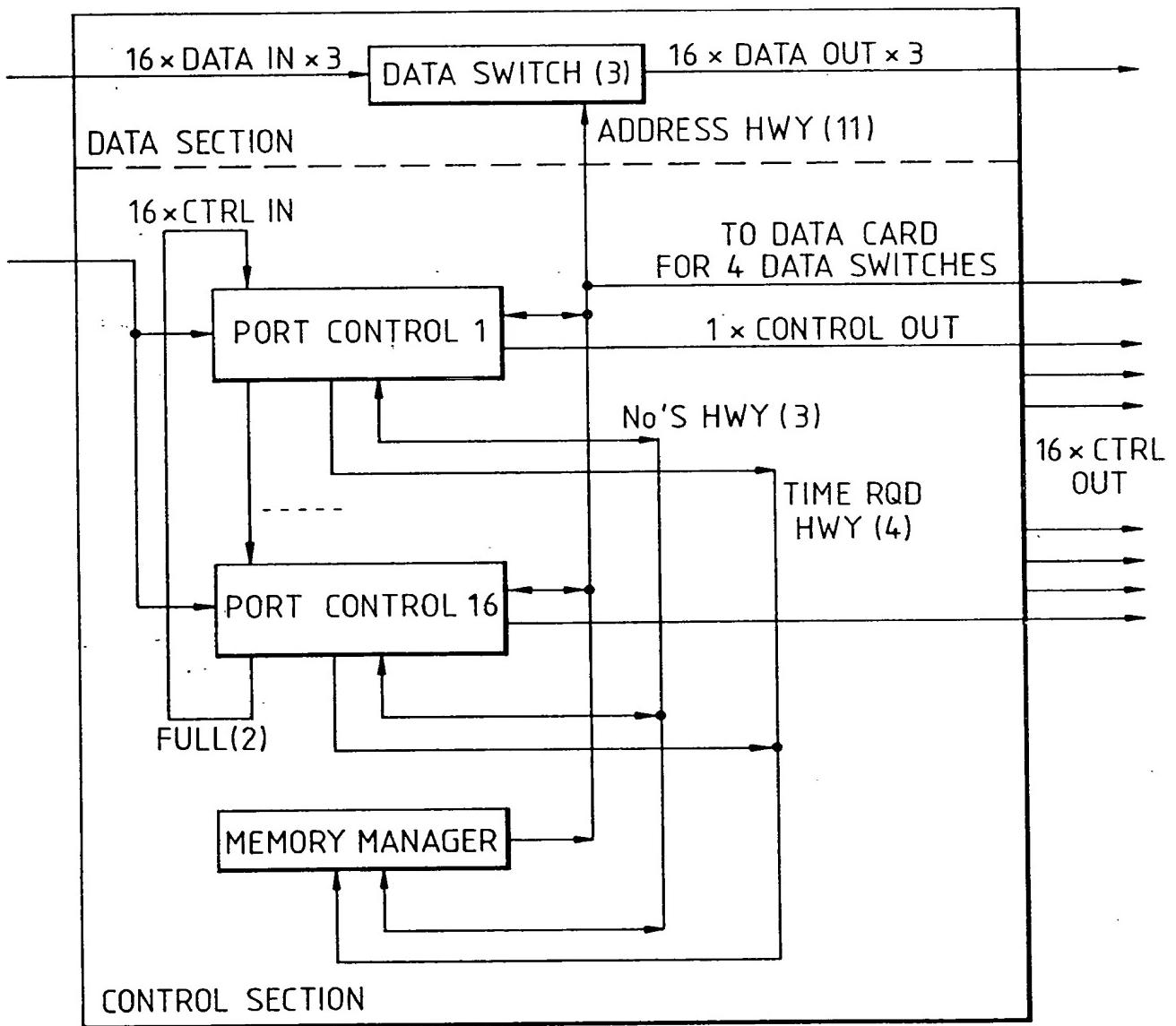


PRIOR ART Fig. 12.



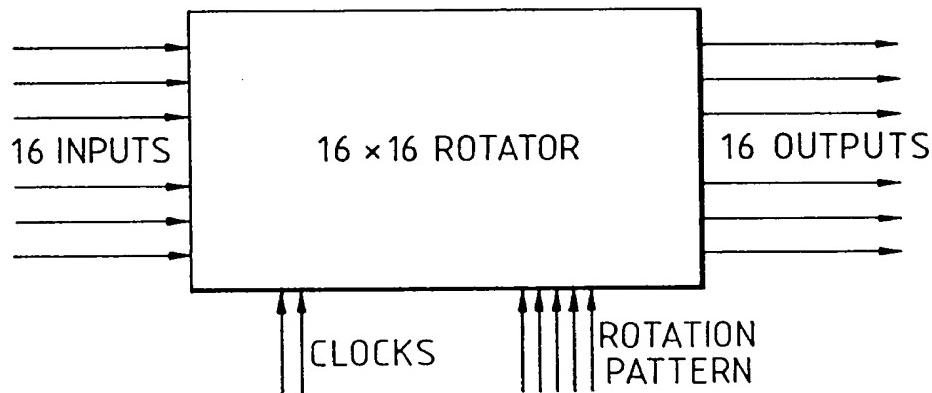
PRIOR ART

Fig. 13.



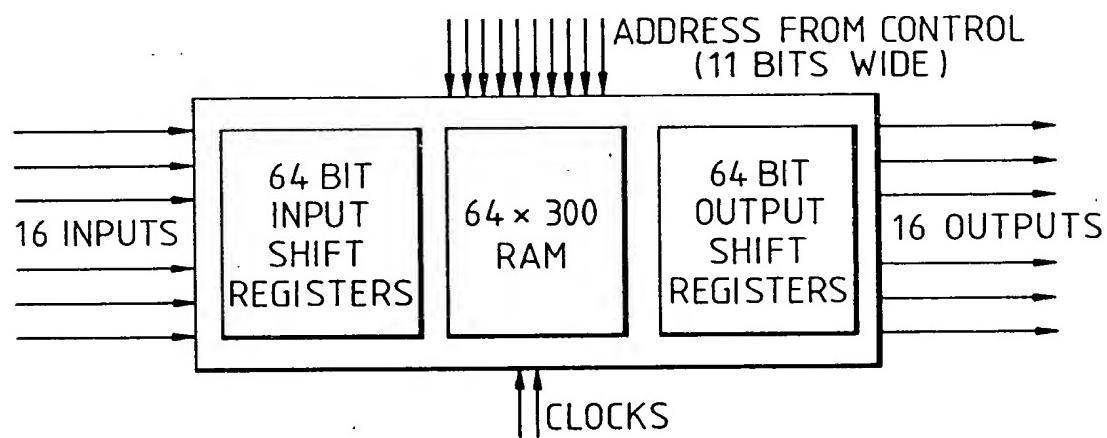
PRIOR ART

Fig. 14.



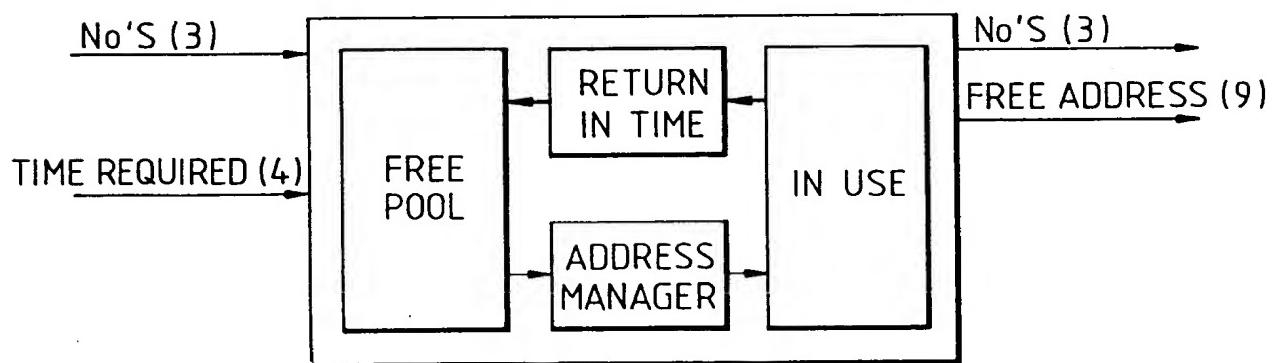
PRIOR ART

Fig. 15.



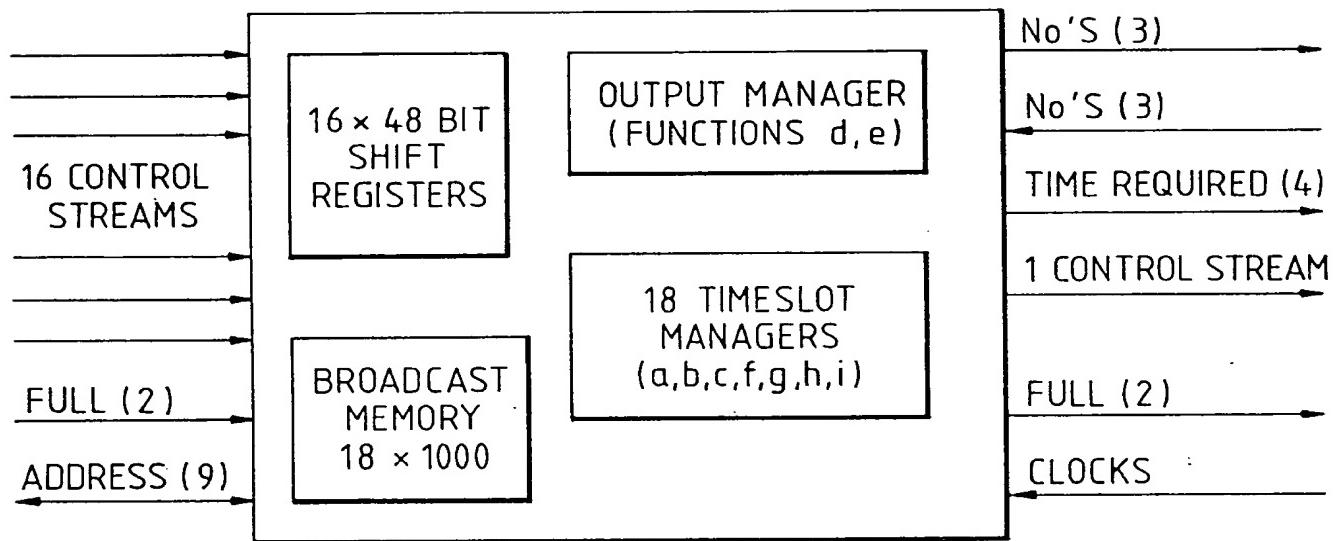
PRIOR ART

Fig. 16.



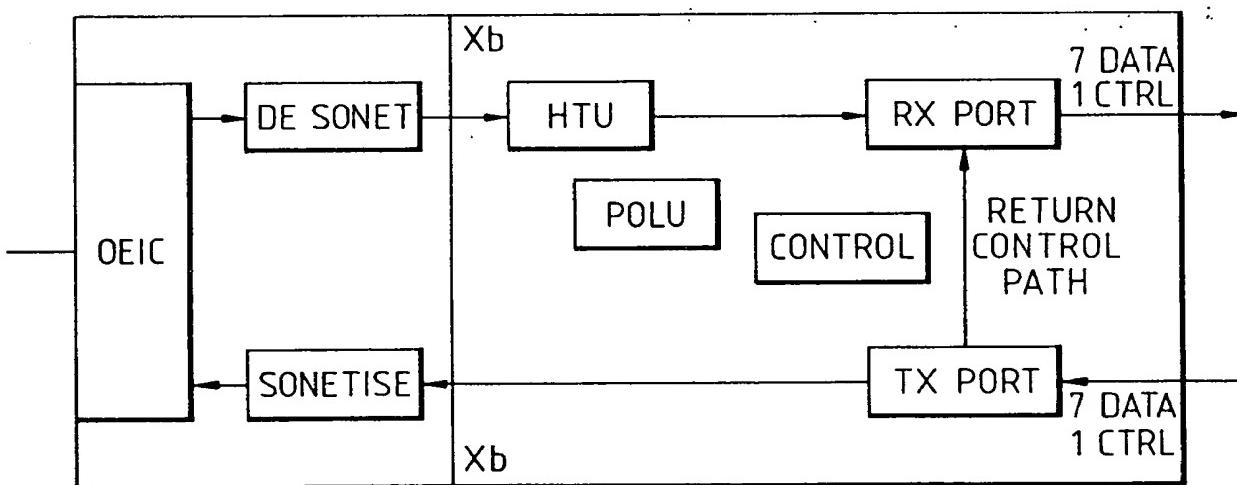
PRIOR ART

*Fig. 17.*



PRIOR ART

*Fig. 19.*



Prior Art

*Fig. 22A.*

SPACE FOR A SINGLE CELL —————→

PORT 0	PORT 1	PORT 2	PORT 3	PORT 4	PORT 5	ETC.
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SINGLE CELL STORAGE, FOR POINT TO POINT CELLS

Prior Art

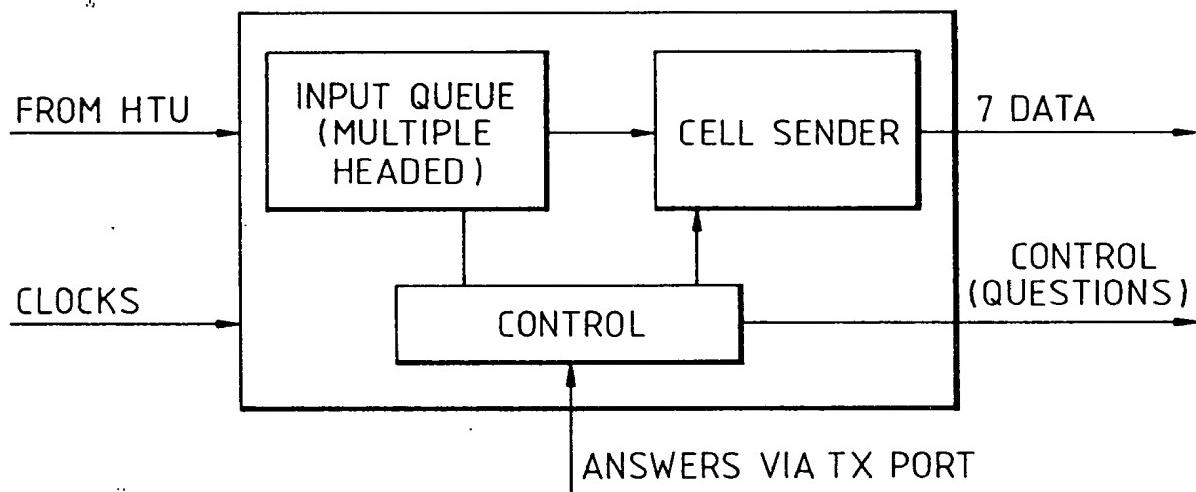
*Fig. 22B.*

FORWARD TRANSFER SPACE	TOP RANK	MID RANK (S)	MAIN RANK
AS ABOVE	PORT 0	PORT 1	PORT 2
			PORT 3
			PORT 4
			PORT 5

ADDITIONAL STORAGE FOR MULTIPORT CELLS

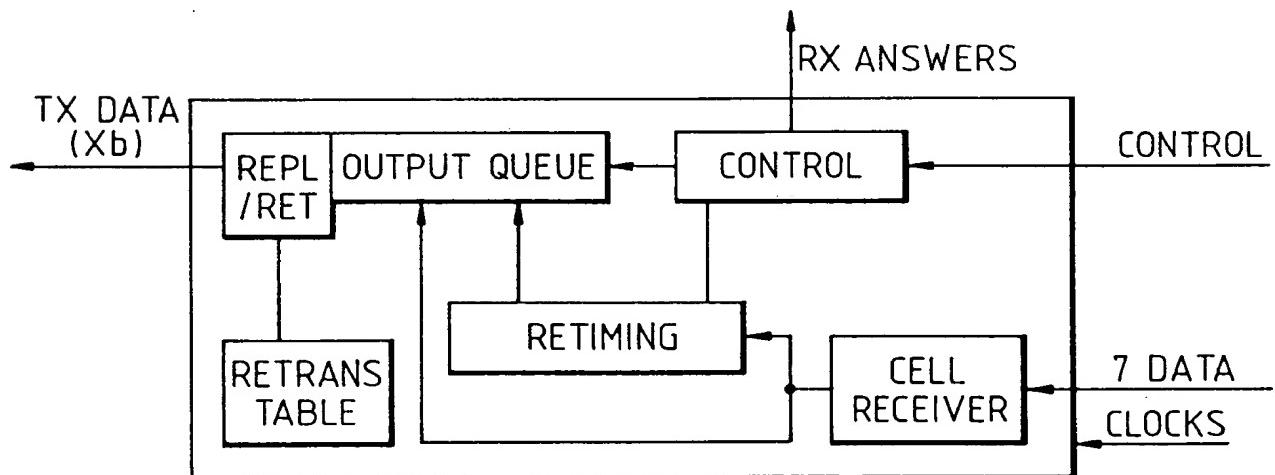
PRIOR ART

Fig. 20.



PRIOR ART

Fig. 21.



Prior Act 7

*Fig. 18.*

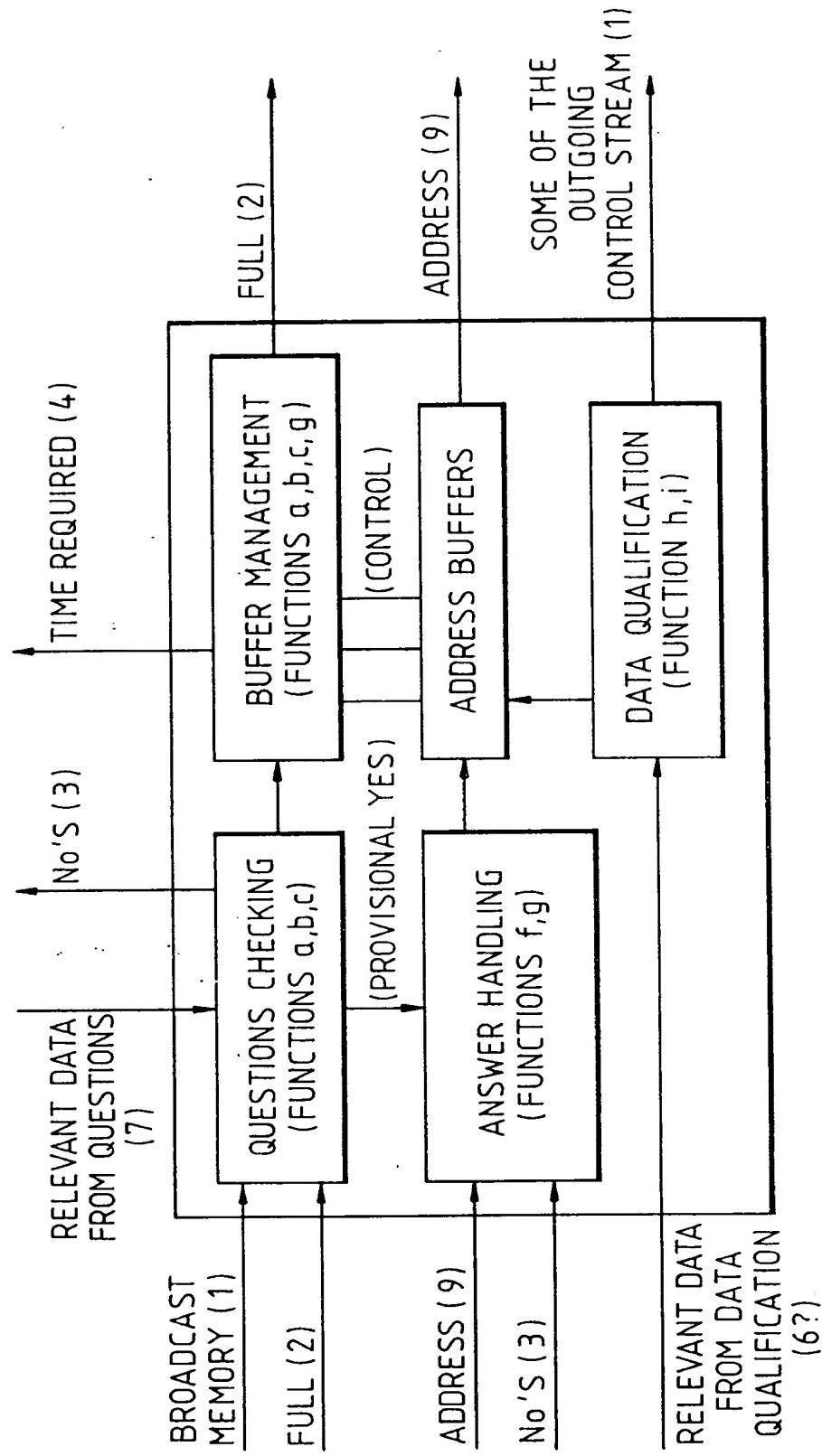


Fig. 1.23

ATM OPERATION

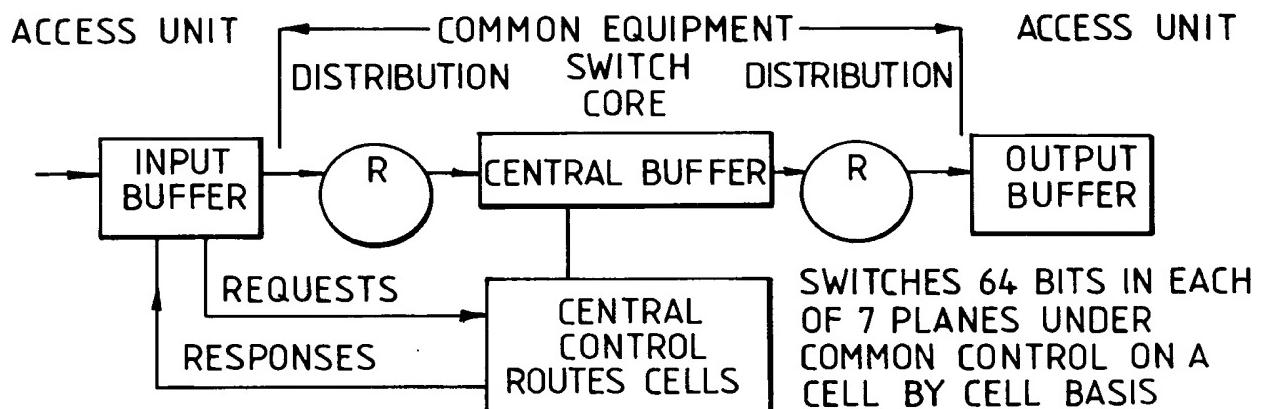


Fig. 2.24

STM OPERATION

